

Model Performance

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|-------|------|
| Model | Data |
|-------|------|

Weighted KNN model

| 5-fold CV (75%) | | Training (75%) | | Test (25%) | |
|-----------------|------|----------------|------|------------|------|
| Q2 | RMSE | R2 | RMSE | R2 | RMSE |
| 0.84 | 0.55 | 0.85 | 0.53 | 0.83 | 0.64 |

Model Results

Predicted value: 8.63

Global applicability domain: Inside

Local applicability domain index: 3.84e-01

Confidence level: 5.76e-01

Nearest Neighbors from the Training Set

| | | |
|--|---|---|
| <div>Image not found</div> <div>Atrazine</div> <div>Measured: 7.94</div> <div>Predicted: 8.63</div> | <div>Image not found</div> <div>Simazine</div> <div>Measured: 3.63</div> <div>Predicted: 3.44</div> | <div>Image not found</div> <div>Bromacil</div> <div>Measured: 3.24</div> <div>Predicted: 2.87</div> |
| <div>Image not found</div> <div>Carbendazim</div> <div>Measured: 2.51</div> <div>Predicted: 2.38</div> | <div>Image not found</div> <div>Iprodione</div> <div>Measured: 339</div> <div>Predicted: 13.4</div> | |